

MANHOLE LOCATION COORDINATE SCHEDULE

MANHOLES	NORTH	EAST
MH-1	539,812	825,296
MH-A	539,803	825,297
MH-2	539,437	825,465
MH-B	539,428	825,465
MH-3	539,460	825,605
MH-4	539,040	825,560
MH-C	539,030	825,560
MH-5	539,075	825,715
MH-6	538,643	825,579
MH-D	538,634	825,579
MH-7	538,670	825,720

SEDIMENT CONTROL & POND CONSTRUCTION

BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/WE PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE PONDS WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] 8/27/90
SIGNATURE OF DEVELOPER DATE

BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE PONDS WITHIN 30 DAYS OF COMPLETION.

[Signature] 8/27/90
SIGNATURE OF ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

[Signature] 8/27/90
U.S. SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

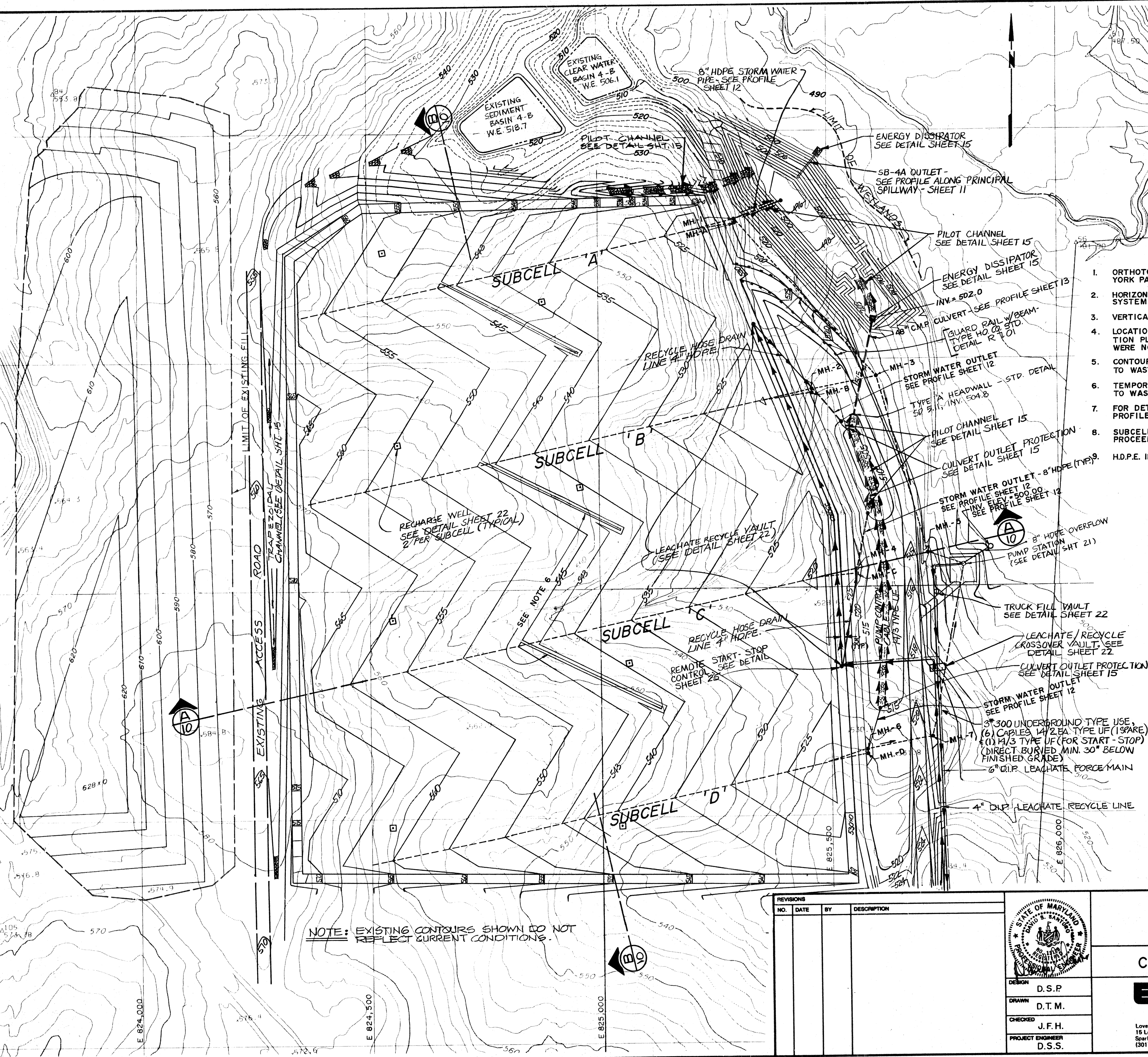
[Signature] 8/27/90
HOWARD SOIL CONSERVATION DISTRICT DATE

N 539,000

N 538,500

E 824,000

E 825,500



NOTES:

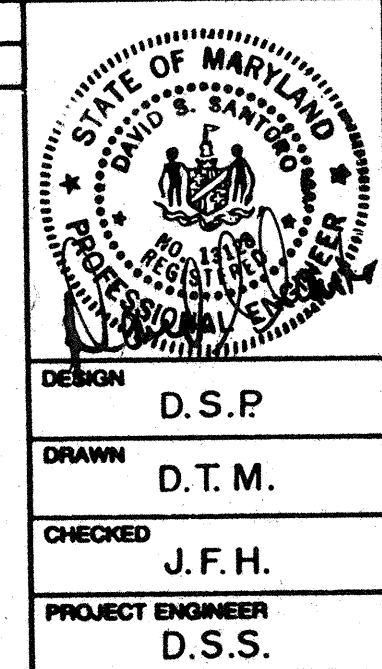
- ORTHOTOPOGRAPHY AS DEVELOPED BY BUCHART-HORN, INC. YORK PA. FROM AERIAL FLIGHT OF 2-12-82.
- HORIZONTAL DATUM BASED ON MARYLAND COORDINATE GRID SYSTEM.
- VERTICAL DATUM BASED ON USC & GS M.S.L. OF 1929.
- LOCATION OF PONDS AND EXISTING FILL FROM IMPLEMENTATION PLANS DATED 12-79. LOCATIONS AND ELEVATIONS WERE NOT FIELD VERIFIED.
- CONTOURS ON THIS PLAN REFLECT CELL CONDITIONS PRIOR TO WASTE PLACEMENT.
- TEMPORARY DIVERSION BERMS SHALL BE REMOVED PRIOR TO WASTE PLACEMENT ABOVE BERM.
- FOR DETAILS OF MANHOLES SEE SHEET 18 & 22. FOR PIPE PROFILES SEE SHEETS 12 AND 13.
- SUBCELL "A" WILL BE FIRST IN OPERATION. FILLING WILL PROCEED IN SOUTHERLY DIRECTION.

H.D.P.E. INDICATES HIGH DENSITY POLYETHYLENE PIPE.

SUBDIVISION NAME Alpha Ridge Solid Waste Management Center		SECT./AREA LOT/PARCEL 54,253,220.11	
BLOCK 10-847/008	ZONE R	TAX/ZONE MAP 10 & 10	ELEC. DIST. CENSUS TR. 3 80-30
WATER CODE Private, Existing		SEWER CODE Private, Existing	
OWNER/DEVELOPER Howard County Government			
ADDRESS 3430 Court House Drive, Elkport City, MD 21043			
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT			
<i>[Signature]</i> 8-23-90 COUNTY HEALTH OFFICER		DATE	
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING			
<i>[Signature]</i> 8/28/90 DIRECTOR		DATE	
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT			
APPROVED: FOR STORM DRAINAGE SYSTEMS AND ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS			
<i>[Signature]</i> 8/23/90 DIRECTOR		DATE	
CHIEF, BUREAU OF ENGINEERING			

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER HOWARD COUNTY MARYLAND

CELL 1 OPERATION PLAN



DESIGN	D.S.P.
DRAWN	D.T.M.
CHECKED	J.F.H.
PROJECT ENGINEER	D.S.S.

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

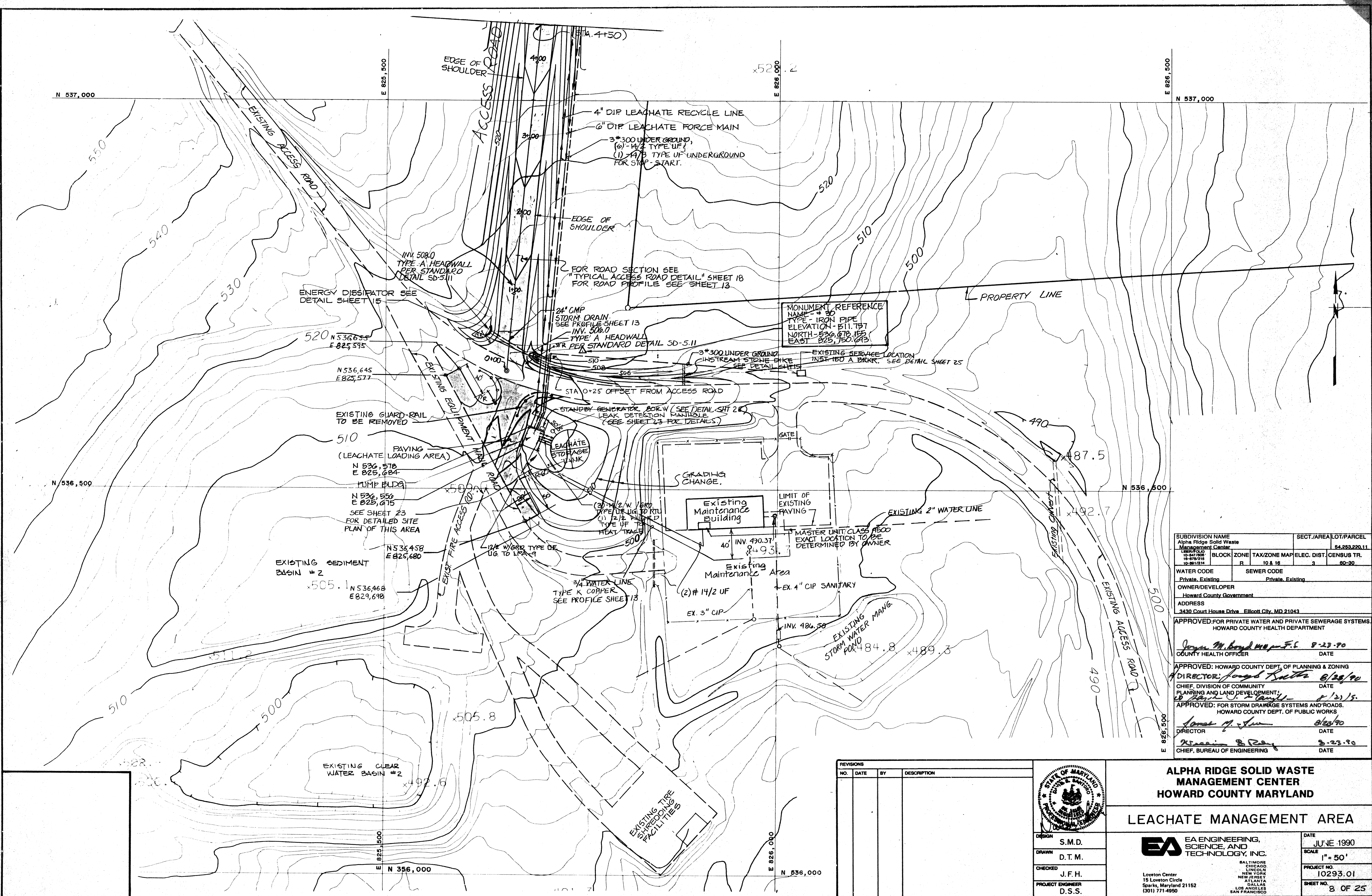
BALTIMORE
CHICAGO
LINCOLN
NEW JERSEY
NEW YORK
ATLANTA
DALLAS
LOS ANGELES
SAN FRANCISCO

15 Loveton Circle
Sparks, Maryland 21152
(301) 771-4950

DATE	JUNE 1990
SCALE	1" = 100'
PROJECT NO.	10293.01
SHEET NO.	6 OF 25


REVISIONS			
NO.	DATE	BY	DESCRIPTION

NOTE: EXISTING CONTOURS SHOWN DO NOT REFLECT CURRENT CONDITIONS.



SUBDIVISION NAME Alpha Ridge Solid Waste Management Center		SECT./AREA/LOT/PARCEL 54,263,220.11	
WATER CODE Private, Existing	SEWER CODE Private, Existing	OWNER/DEVELOPER Howard County Government	
ADDRESS 3430 Court House Drive Ellicott City, MD 21043			
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT			
Jorge M. Boyd M.D. F.S. 8-23-90 COUNTY HEALTH OFFICER		DATE	
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING			
DIRECTOR: Jorge R. Rutter 8/23/90 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		DATE	
APPROVED: FOR STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPT. OF PUBLIC WORKS		DATE	
James M. Slu 8/23/90 DIRECTOR		DATE	
K. R. Rutter 8/23/90 CHIEF, BUREAU OF ENGINEERING		DATE	

REVISIONS			
NO.	DATE	BY	DESCRIPTION



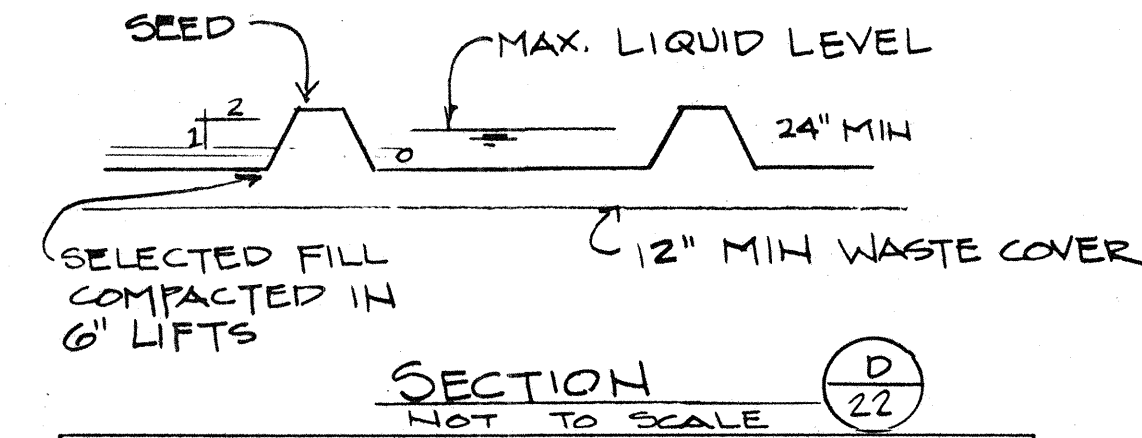
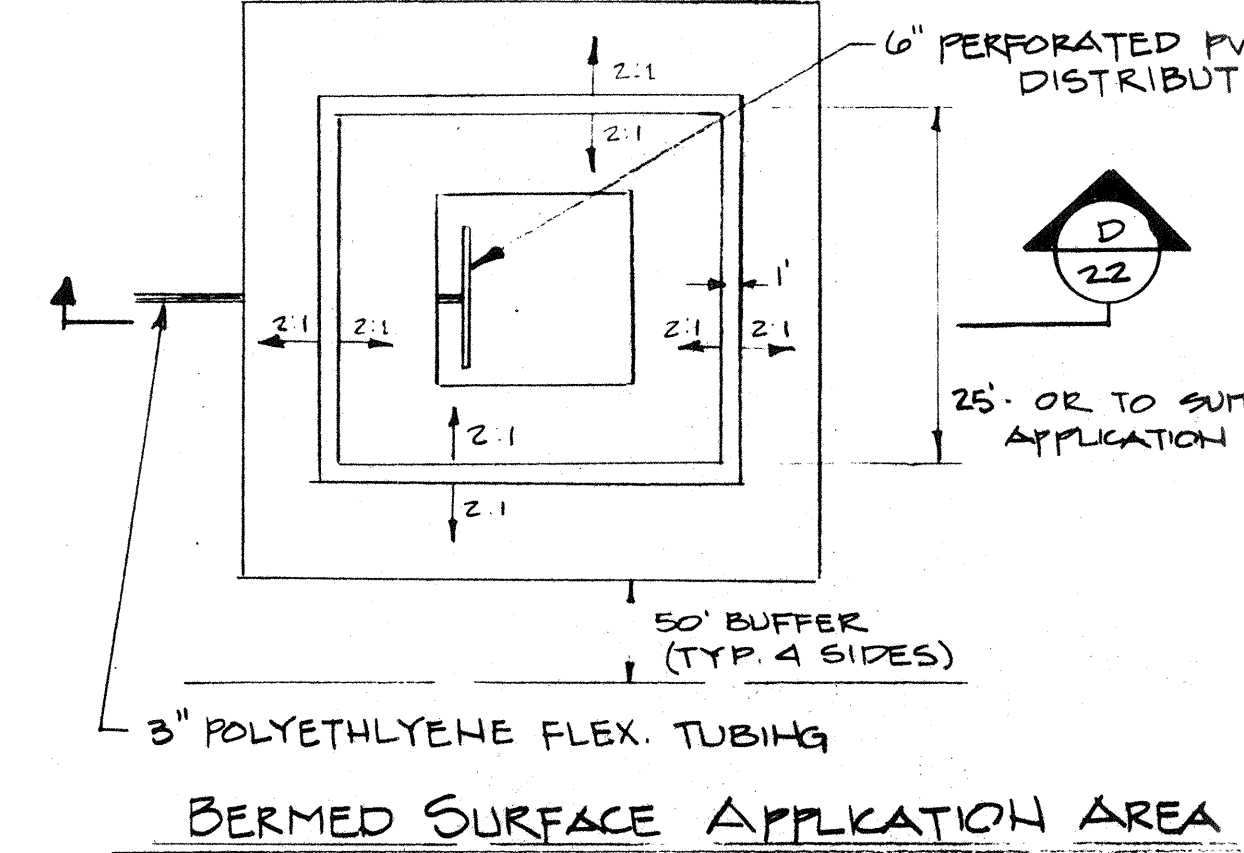
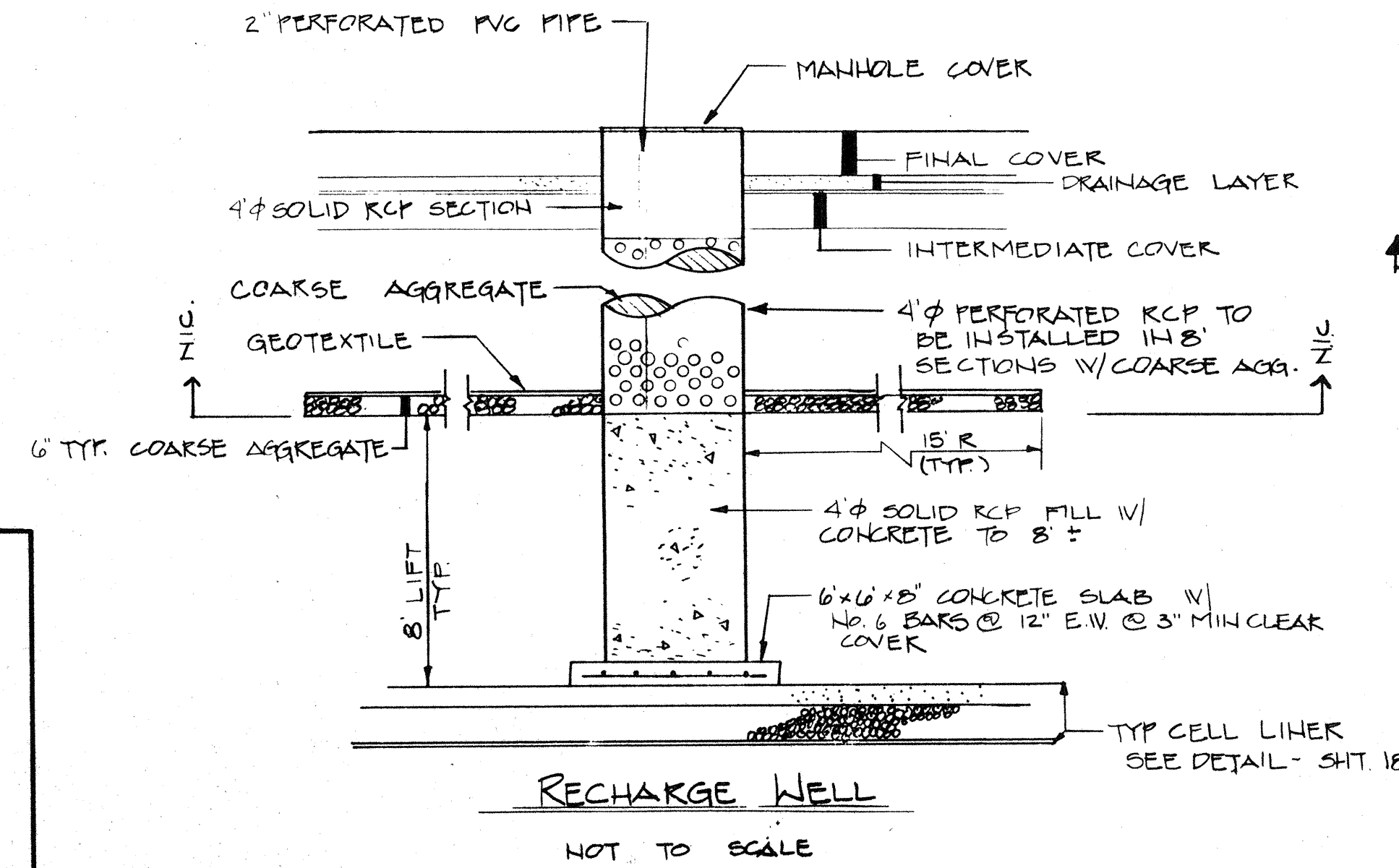
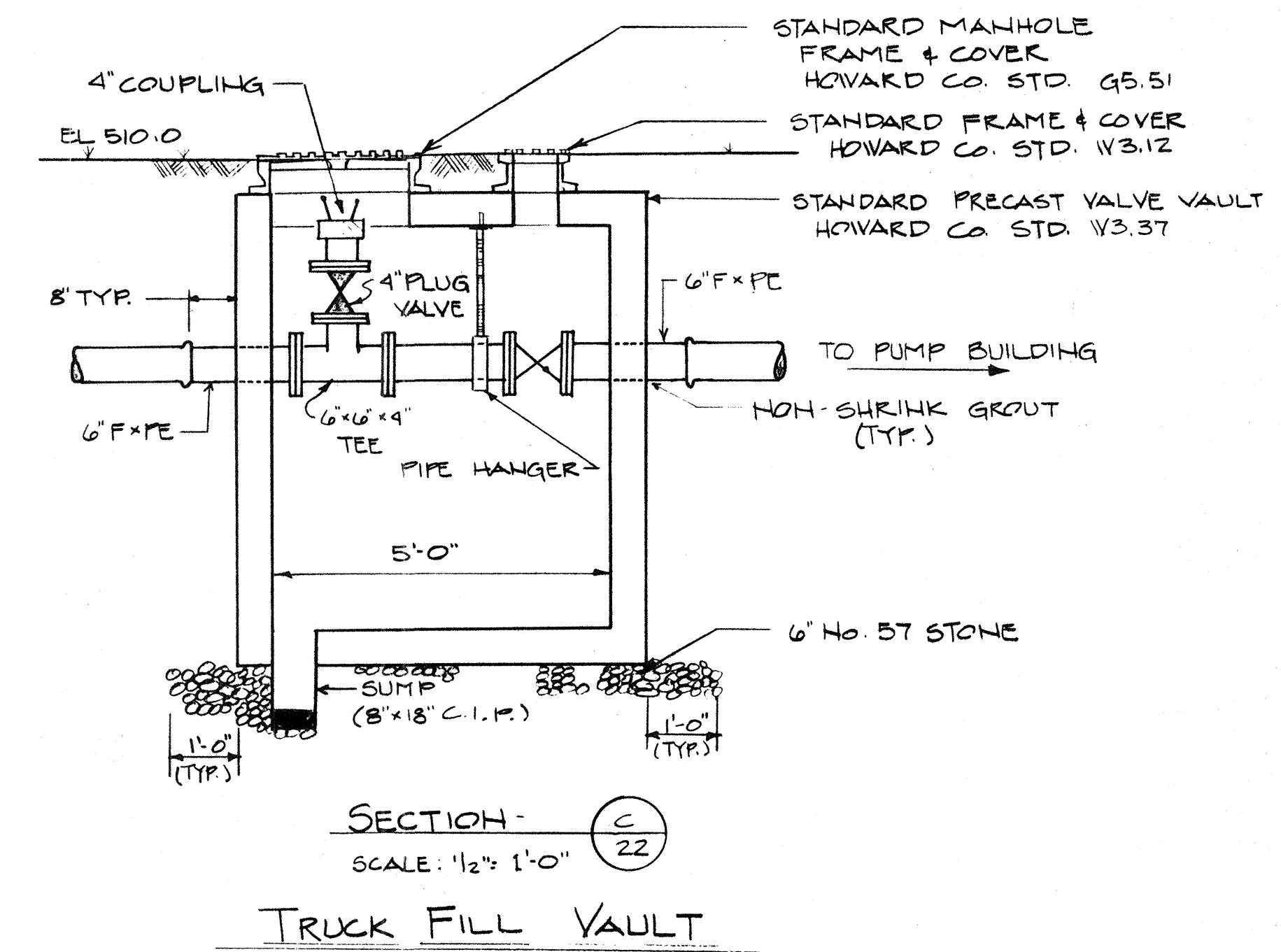
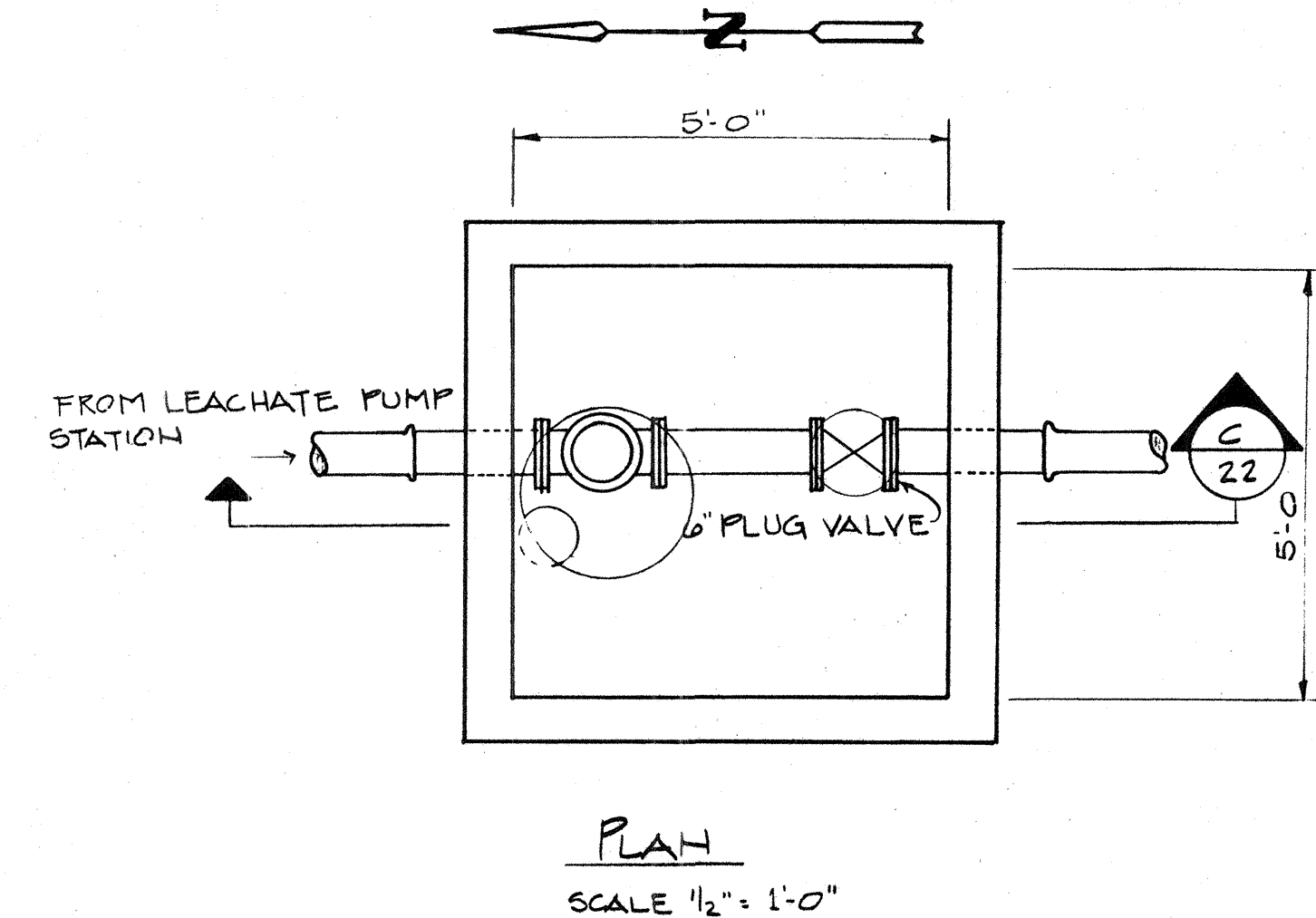
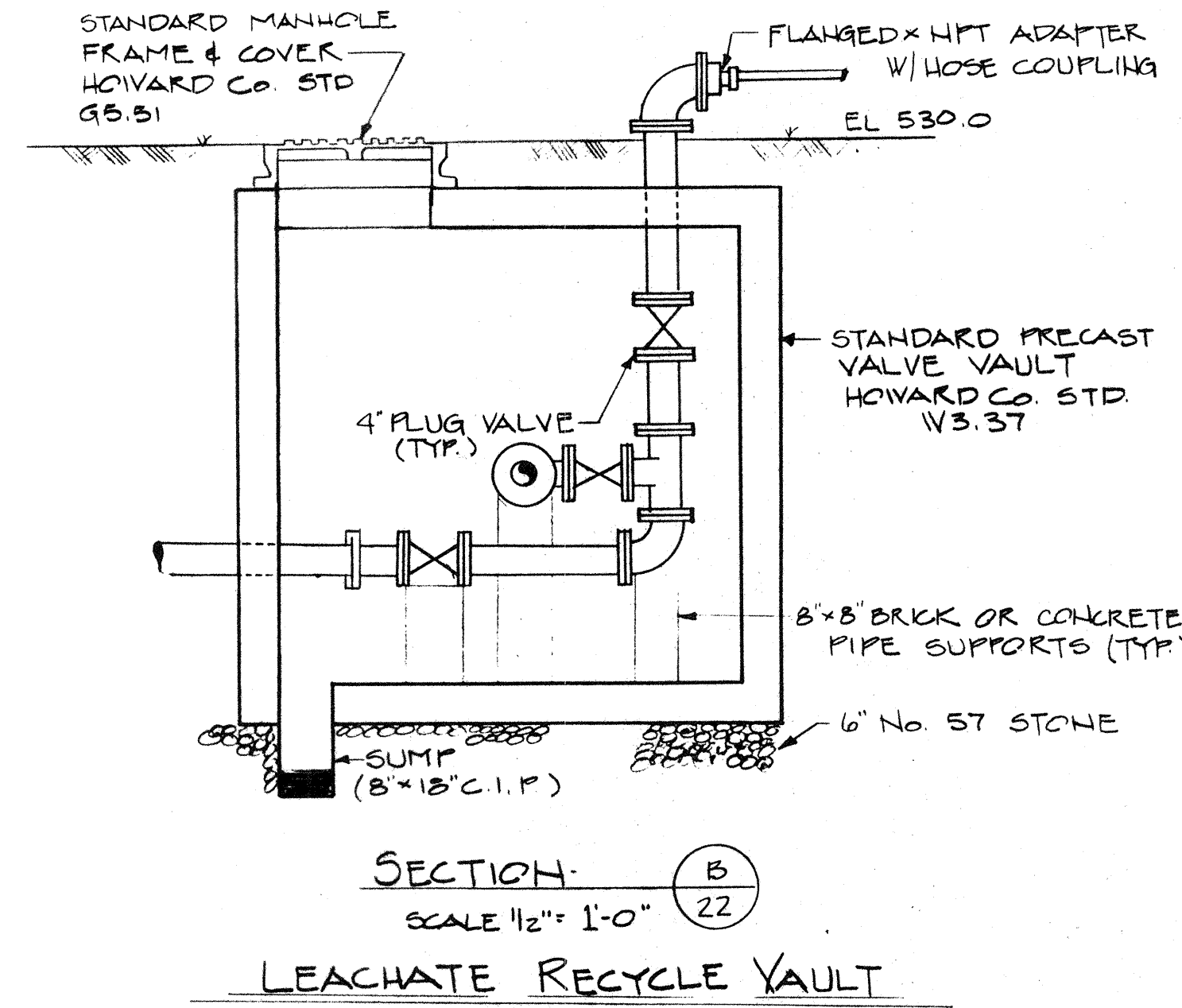
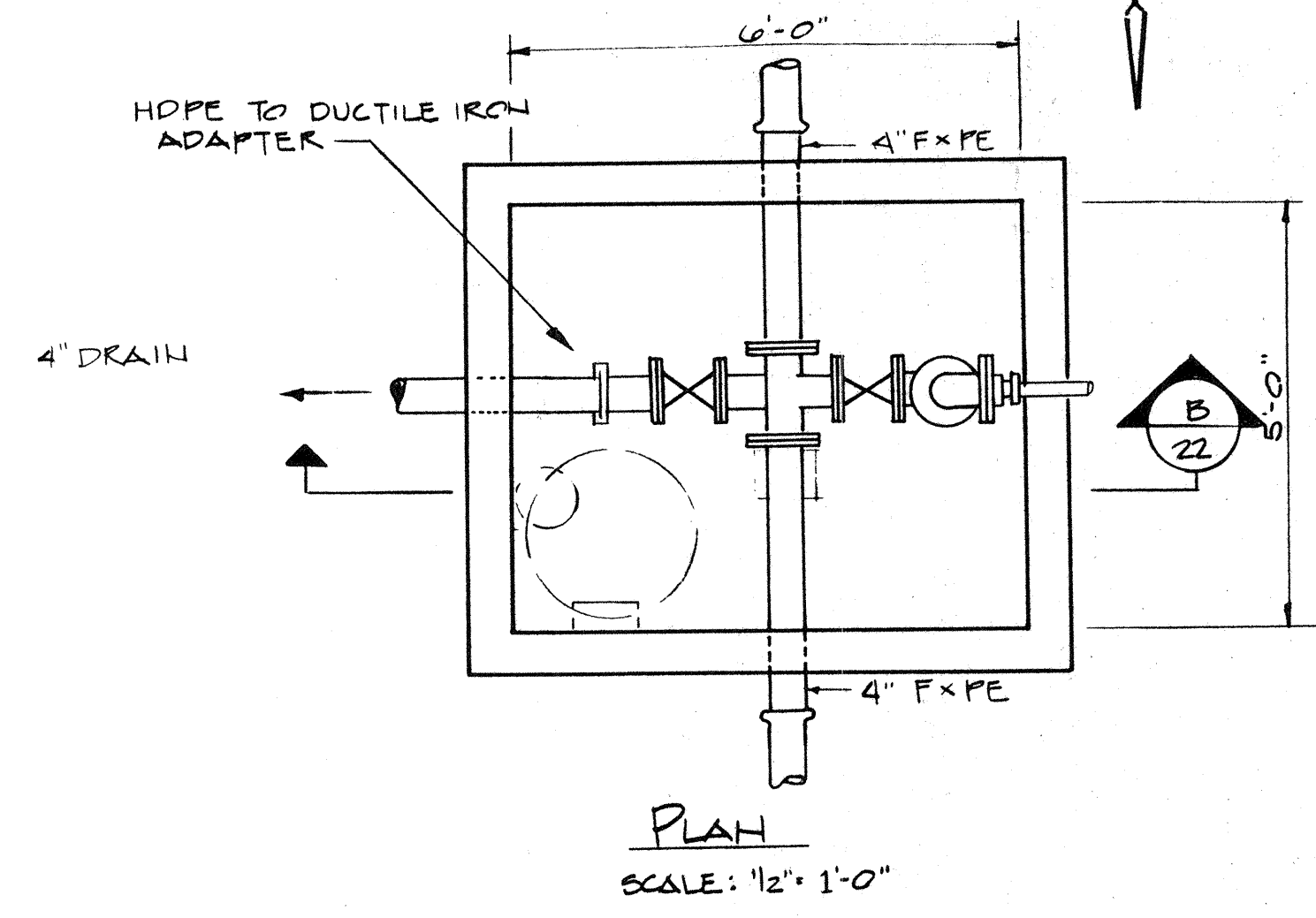
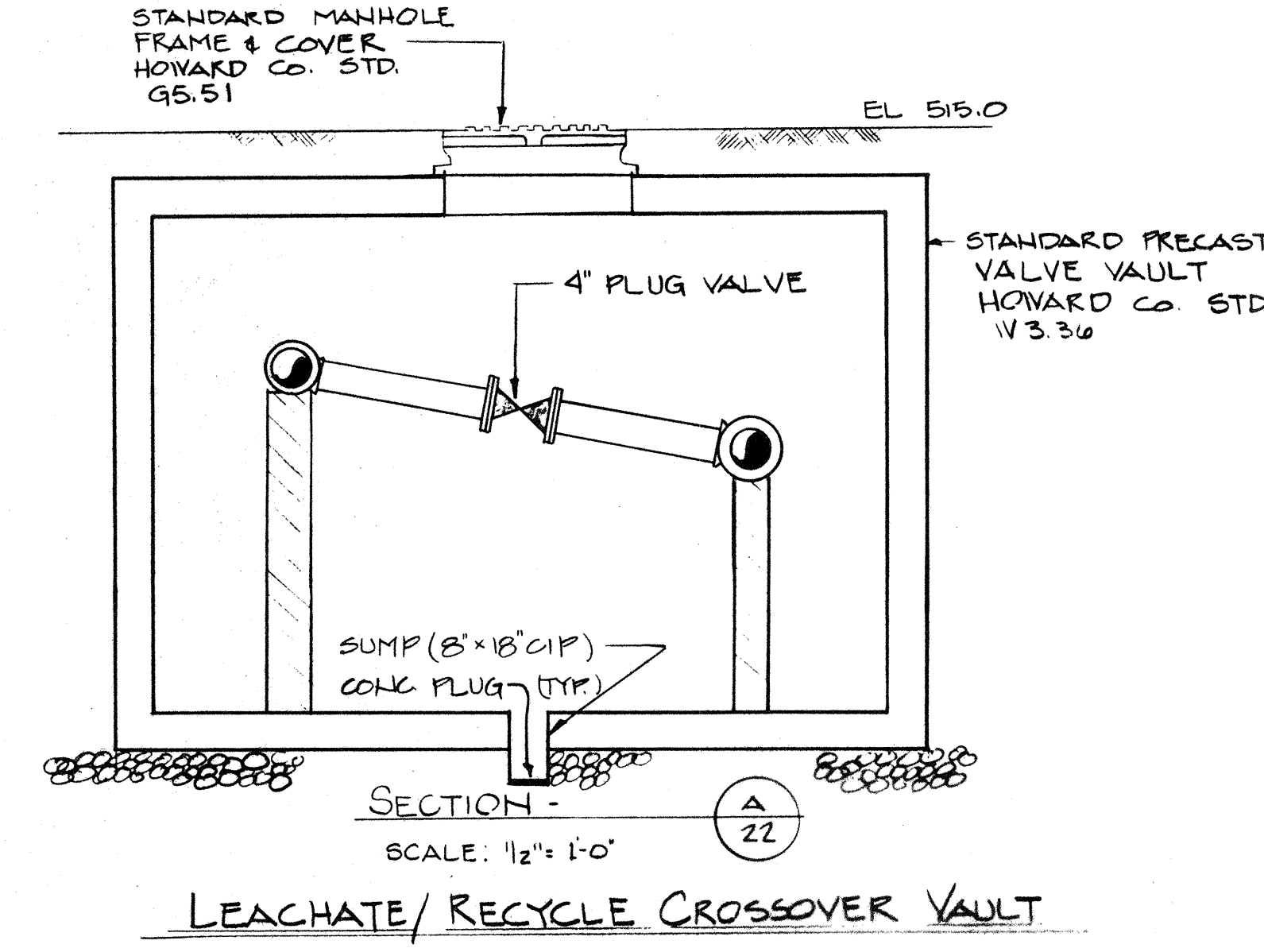
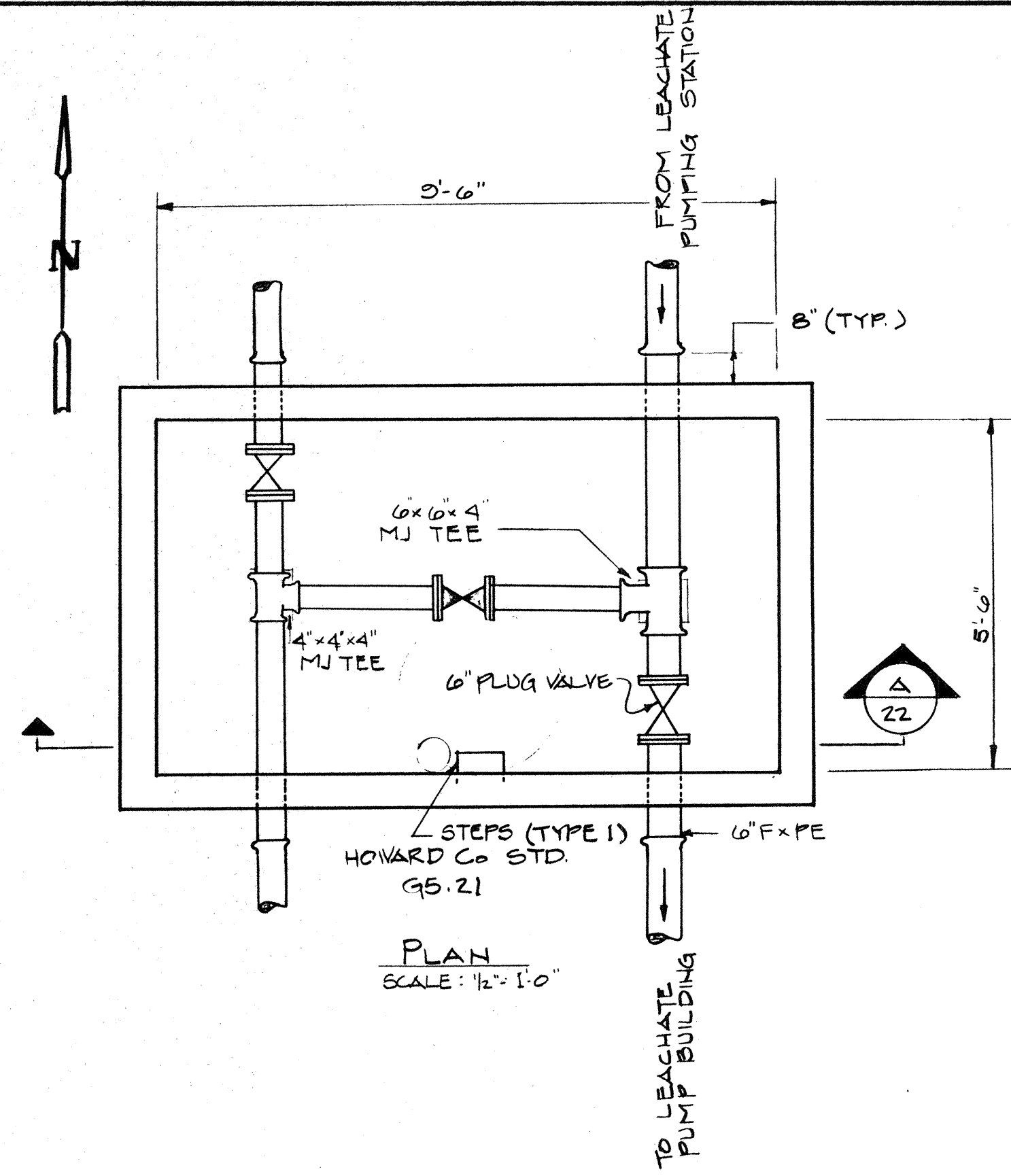
DESIGN S.M.D.
DRAWN D.T.M.
CHECKED J.F.H.
PROJECT ENGINEER D.S.S.

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOWARD COUNTY MARYLAND

LEACHATE MANAGEMENT AREA

EA EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.
BALTIMORE CHICAGO LINCOLN NEW YORK NEW JERSEY SAN FRANCISCO
Loveton Center
15 Loveton Circle
Sparks, Maryland 21152
(301) 771-4950

DATE
JULY 1990
SCALE
1" = 50'
PROJECT NO.
10293.01
SHEET NO.
8 OF 25



NOTE: ALL UNDERGROUND AND VAULT MECHANICAL JOINT PIPING SHALL HAVE RESTRAINED JOINTS.
NIC = NOT IN CONTRACT

SUBDIVISION NAME		SECT./AREA/LOT/PARCEL	
Alpha Ridge Solid Waste Management Center		54.253.220.11	
BLOCK		ZONE	
10-8-18		3	
TAX/ZONE MAP		ELEC. DIST.	
10-8-18		3	
CENSUS TR.		80.30	
WATER CODE		SEWER CODE	
Private, Existing		Private, Existing	
OWNER/DEVELOPER		ADDRESS	
Howard County Government		3430 Court House Drive, Ellicott City, MD 21043	

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS		HOWARD COUNTY HEALTH DEPARTMENT	
COUNTY HEALTH OFFICER		DATE	
8-23-90		DATE	
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING		DATE	
DIRECTOR: [Signature]		8-23-90	
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT		DATE	
APPROVED: FOR STORM DRAINAGE SYSTEMS AND ROADS		DATE	
HOWARD COUNTY DEPT. OF PUBLIC WORKS		DATE	
DIRECTOR: [Signature]		8-23-90	
CHIEF, BUREAU OF ENGINEERING		DATE	

DESIGN	DEP
DRAWN	GBL
CHECKED	DEK
PROJECT ENGINEER	DSS

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER		HOWARD COUNTY MARYLAND	
LEACHATE MNG. SYSTEM DETAILS		DATE	
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.		JUNE 1990	
15 Loveton Circle, Sparks, Maryland 21152 (301) 771-4950		SCALE	
AS SHOWN		PROJECT NO.	
10293.01		SHEET NO.	
22 OF 25		SDP 90-90	